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PARTIAL ENGLISH TRANSLATION OF JAPANESE LAID-OPEN
PATENT APPLICATION NO.2002-315329 (PARAGRAPH 0028):

5 [0028]

Power transmission from the primary side to the secondary side is carried out by the transformer 1-5. At this time, the transformer 1-5 has two outputs; namely, V1, and V2. Here, values of
10 V1 and V2 are determined by a transformer turns ratio, where $V1 \neq V2$. One of the two outputs is selected by connection of the voltage changing switch 1-7. The voltage changing switch 1-7 is sufficiently served by a standard mechanical relay,
15 and the like. The secondary output voltage selected by the switch 1-7 flows through the smoothing filter 1-8, and provided to the ink jet printer 2-2 as the input voltage V_{in} through the jack 1-11. The diode 1-9 directly connected to the secondary side of the
20 transformer is for excluding a negative power that may be generated on the secondary side of the transformer 1-5. The functions of the secondary side of the RCC controlled AC-adaptor are described as above.

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